

# TD - Time Differential

This Natural profile parameter is for:

- mainframes
- UNIX/OpenVMS and Windows

It indicates a time differential to be applied to the Natural time/date setting to ensure that the current local time/date is used, rather than the computer center time/date. This parameter is applicable in an environment in which remote nodes are being used in a computer network.

## Mainframes

<b>Possible settings</b>	AUTO	Natural compares the physical (store clock) and logical (system environment) machine times and uses the difference between the two as the setting for the TD parameter. For a time change to take effect for Natural (for example, to change time to summer time or back to winter time), it is therefore sufficient to reset the logical machine time.
	or -23,59 to 23,59	Hours and minutes.  If TD= <i>hours</i> or TD=( <i>hours,minutes</i> ) is specified, the specified time is added to / subtracted from the physical machine time to set the time/date to be used by Natural.
<b>Default setting</b>	0	
<b>Dynamic specification</b>	YES	
<b>Specification within session</b>	NO	

### Examples:

```
TD=6           (6 hours ahead)
TD=(5,30)      (5 hours and 30 minutes ahead)
TD=(-6,12)     (6 hours and 12 minutes behind)
```

### VSE/ESA-specific information:

With VSE-type operating systems, "// ZONE" and "//DATE" JCL statements are honored with TD=AUTO. This can also affect the setting of the profile parameter DD. See also the profile parameters YD and DD.

## UNIX/OpenVMS and Windows

<b>Possible settings</b>	-23,59 to 23,59	The notation " <i>hours,minutes</i> " is used to add/subtract the specified time to/from the physical machine time to set the time/date to be used by Natural; " <i>minutes</i> " (if specified) must be "00" to "59".
<b>Default setting</b>	0,0	
<b>Dynamic specification</b>	YES	
<b>Specification within session</b>	NO	

**Examples:**

TD=6           (6 hours ahead)  
TD=-11       (11 hours behind)  
TD=(5,30)   (5 hours and 30 minutes ahead)  
TD=(-6,30)   (6 hours and 30 minutes behind)